



COMPUTER DEVICES



CDI MODEL **1010** PORTABLE TELETERM PRINTER

PERFORMANCE AND SPECIFICATION DATA

The CDI 1010 is the first *truly* portable data terminal designed for time-sharing systems. The smallest and lightest in the field, it is not a burden to carry. Dial a telephone number, place the telephone into the built-in acoustic coupler and the full utilization of the computer for sales, inventory control, analysis, planning, etc. is brought to where the action is!

Consequently the beneficial use of computers and time-sharing services can be extended in many new directions and to any location providing a telephone. Insurance programs, investment plans, engineering designs can be formulated in the client's office. A salesman can service an account with confidence . . . enter an order, reserve it against inventory, or advise concerning backorder, credit limitations, etc. And multiple copies of the results are immediately available!

No operator retraining or computer reprogramming is necessary to operate with time-sharing systems using Teletype Model 33 terminals.

FEATURES

- REAL PORTABILITY . . . ONLY 25 POUNDS
- LOW PRICE
- COMPATIBILITY WITH ALL TIME SHARING SYSTEMS
- REQUIRES NO SPECIAL TRAINING
- INTEGRAL ADVANCED ACOUSTIC COUPLER
- ERROR FREE OPERATION
- MULTIPLE COPIES

SIMPLE, ERROR FREE PERFORMANCE

The CDI 1010 employs a *simplified* impact printing mechanism which consumes no standby electric power, provides multiple copies on preprinted forms . . . and is outstanding for reliability and low maintenance costs. Fan-folded paper is stored internally. Combining great sensitivity and high noise rejection, the advanced design of the integral phone data coupler allows error free transmission even over telephone lines whose characteristics change drastically with location and time of day. Parity checking and an electronic keyboard interlock eliminate operator errors.

Because the CDI 1010 is compatible with the Teletype Model 33 in code, format and keyboard, there are no problems in substituting one for the other.

SPECIFICATIONS

INPUT

Method: Teletype 33 compatible keyboard with electronic character interlock.

Code: USASC II

OUTPUT

Method: Impact page printer

Character Set: 64 (TTY 33 compatible)

Code: USASC II

Character Size: 6/10 inch vertical

10.8/10 inch horizontal

Printing Speed: 10 characters/second

Recording Medium: 8 1/2" wide

multipart forms

Line Length: 80 characters/line

Maximum Copies: 4

DATA TRANSMISSION

Mode: Half or full duplex

Rate: 110 baud

Parity: Odd or even (operator selected)

Communications Line: Standard voice grade

SWITCHES

Power: ON/OFF

Duplex: HALF/FULL

INDICATORS

Carrier ON

Power ON

PHYSICAL CHARACTERISTICS

Size: 14" wide x 18" deep x 6" high

Weight: 25 pounds

ENVIRONMENTAL RANGE

Operating: 32°F to 100°F

Non-operating: 0°F to 110°F

POWER REQUIREMENTS

Voltage: 110 Volts AC $\pm 10\%$

Frequency: 50-60 Hz

Power: 15 watts

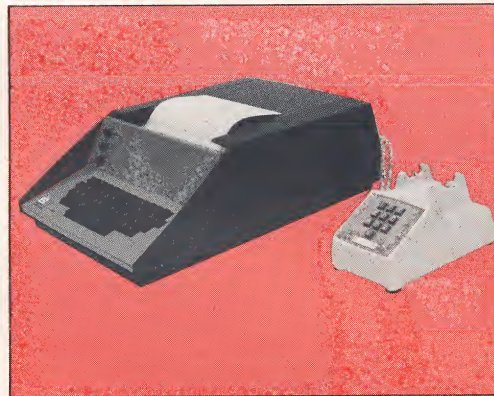


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CDI MODEL **1030** PORTABLE TELETERM PRINTER

PERFORMANCE AND SPECIFICATION DATA

The CDI 1030 utilizes a thermal printing technique which is fast and quiet. It has no moving parts except the paper advance and head positioning mechanism. All that is heard in operation is the tapping of the print head and the rustling of the paper. The use of integrated circuit logic elements together with the virtual elimination of mechanical parts add up to high reliability and easy servicing.

Combining high sensitivity and noise rejection, the advanced design of the integral phone data coupler allows error free transmission even over telephone lines whose characteristics vary with location and time of day. Parity checking and an electronic keyboard interlock help eliminate operator error. Full duplex data transmission can be used for further error control.

Printing speed can be selected for 10, 15, or 30 characters per second. At 10 characters per second, the CDI 1030 performs exactly like a Teletype Model 33 in code, printing and keyboard format. Upper and lower case can be printed under computer control.

FEATURES

- PORTABILITY ... ONLY 25 POUNDS
- LOW PRICE
- COMPATIBILITY WITH ALL TIME SHARING SYSTEMS
- REQUIRES NO SPECIAL TRAINING
- INTEGRAL ACOUSTIC COUPLER
- ERROR FREE OPERATION
- QUIET NON-IMPACT PRINTING

SIMPLE, ERROR FREE PERFORMANCE

The CDI 1030 provides quiet high speed printing in a light weight time-sharing terminal. Due to its compact size and 25 pound weight, it can easily be carried on airplanes and tucked away. A self contained acoustic coupler and paper supply allow quick connect to any remote computer. Dial the telephone, place the head-phone into the rear-mounted coupler and the computer is on-line ready for sales analysis, order entry, inventory control, etc. The use to time-sharing services can be extended in new directions where mobility of the user is important.

No operator retraining or computer reprogramming is necessary to operate with any time sharing system due to complete compatibility with the Teletype Model 33 terminal.

SPECIFICATIONS

INPUT

Method: Teletype 33 compatible keyboard
with electronic character interlock
Character Set: 64 (TTY 33 compatible)
Code: USASC II

OUTPUT

Method: Thermal page printer
Character Set: 96 (Upper and lower case)
Code: USASC II

Character Size: 6/10 inch vertical
10/10 inch horizontal

Printing Speed: 10, 15, or 30 characters
per second

Recording Medium: 8.5" wide paper (100
foot roll)

Line Length: 80 characters per line

DATA TRANSMISSION

Mode: Half or full duplex
Rate: 110, 150, or 300 baud
Parity: Odd or even or none
Communications Line: Standard voice grade

SWITCHES

Power: ON/OFF

Duplex: HALF/FULL

Speed: 10, 15, or 30 characters per second

Parity: ODD/EVEN/NONE

INDICATORS

Carrier ON

Power ON

PHYSICAL CHARACTERISTICS

Size: 14" wide x 19" deep x 6.5" high

Weight: 25 pounds

ENVIRONMENTAL RANGE

Operating: 32°F to 100°F

Non-operating: 0°F to 120°F

POWER REQUIREMENTS

Voltage: 110 volts AC $\pm 10\%$

Frequency: 50-60Hz

Power: 100 watts maximum



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PRICE AND RENTAL SCHEDULE

(Effective May 1, 1970)

<u>A. Purchase Plan:</u>	<u>CDI Model Number</u>	
Basic Unit:	<u>1010</u>	<u>1030</u>
1-24 quantity	\$2100	\$3500
25-100	1950	3250
over 100	1850	3150
Options:		
Full Duplex	100	0*
Carrying Case	100	100
DAC Interface	50	50
Bell (Audio)	25	25
<u>B. Lease Plan:</u>		
1. 36 Month Lease		
Basic Unit (1-24 quantity)	\$70/mo.	\$130/mo.
Options:		
Full Duplex	\$5/mo.*	0
Carrying Case	\$5/mo.	\$5/mo.
DAC Interface	\$3/mo.	\$3/mo.
Bell (Audio)	\$2/mo.	\$2/mo.
2.**Option to Cancel 36 Month Lease	\$15/mo.	\$20/mo.
with 30 Day Notice		
3. Full Maintenance Contract	\$15/mo.	\$20/mo.
4. Fire and Theft Insurance	\$5/mo.	\$5/mo.

* Included in Basic Unit

** The Option to Cancel Lease requires a 30 day written notice and a 30 day rental penalty to execute. This option can be dropped at any time over the rental period with a corresponding reduction in the monthly rental.

***The Maintenance Contract covers parts and labor as well as shipping expense. This contract is available on both purchased and leased units.